

3523 U.S. PTO  
09/09898



435 69.1  
Class Subclass  
ISSUE CLASSIFICATION

PATENT NUMBER

6503730



6503730

U.S. UTILITY PATENT APPLICATION

|                   |                    |                            |
|-------------------|--------------------|----------------------------|
| SCANNED <i>ST</i> | O.I.P.E. <i>JA</i> | PATENT DATE<br>JAN 07 2003 |
|-------------------|--------------------|----------------------------|

|        |              |                  |                  |                    |
|--------|--------------|------------------|------------------|--------------------|
| SECTOR | CLASS<br>435 | SUBCLASS<br>69.1 | ART UNIT<br>1642 | EXAMINER<br>Wegert |
|--------|--------------|------------------|------------------|--------------------|

FILED WITH: ☐ DISK (CRF) ☒ FICHE  
(Attached in pocket on right inside flap)

PREPARED AND APPROVED FOR ISSUE

ISSUING CLASSIFICATION

| ORIGINAL                     |          | CROSS REFERENCE(S) |                                   |       |     |  |  |
|------------------------------|----------|--------------------|-----------------------------------|-------|-----|--|--|
| CLASS                        | SUBCLASS | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |       |     |  |  |
| 435                          | 69.1     | 536                | 23.5                              | 23.51 |     |  |  |
| INTERNATIONAL CLASSIFICATION |          | 435                | 2523                              | 320.1 | 325 |  |  |
| C07H                         | 21 / 04  |                    |                                   |       |     |  |  |
| C12Y                         | 21 / 06  |                    |                                   |       |     |  |  |
| C12N                         | 15 / 00  |                    |                                   |       |     |  |  |
| C12N                         | 15 / 00  |                    |                                   |       |     |  |  |
| C12N                         | 1 / 20   |                    |                                   |       |     |  |  |

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|--|--|---|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b><br><br><input type="checkbox"/> e) The term of this patent subsequent to _____ (date) has been disclaimed.<br><br><input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____<br><br><input type="checkbox"/> c) The term of _____ months of this patent have been disclaimed. | <b>DRAWINGS</b><br>Sheets Drwg. <i>0</i> Figs. Drwg. <i>0</i> Print Fig. <i>None</i>                             | <b>CLAIMS ALLOWED</b><br>Total Claims <i>10</i> Print Claim for O.G. <i>1</i> |
|  | NOTICE OF ALLOWANCE MAILED<br><br>7-07-02<br><br>ISSUE FEE<br>Amount Due <i>1280.00</i> Date Paid <i>9-30-02</i> |   |
| ELIZABETH KEMMERER<br>PRIMARY EXAMINER<br><br><i>Elizabeth C. Kemmerer</i> (Date) <i>6/29/02</i>   |  | ISSUE BATCH NUMBER  |

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